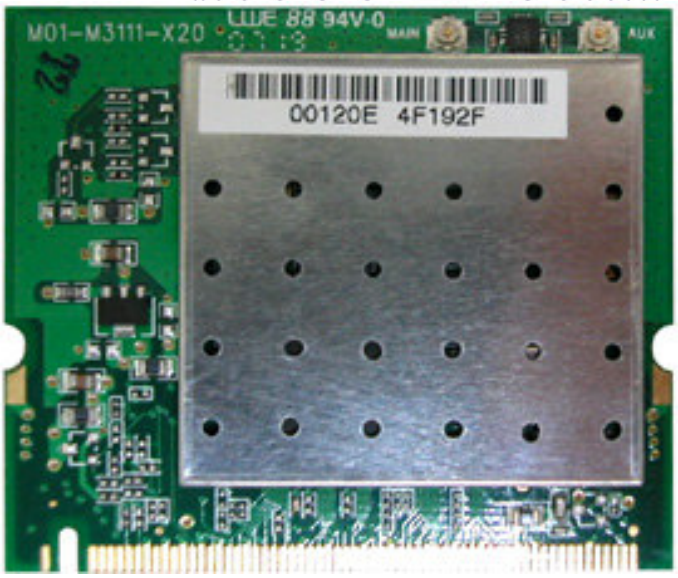


WM3111

Wireless 802.11a/b/g LAN Mini Card High Power

Description

The 802.11a/b/g Wireless LAN MiniPCI Card is a device that lets you install inside the Access Point.
The 802.11a/b/g Wireless LAN MiniPCI Card allows you to take full advantage of your AP's. Plus, with the network installation simplicity and flexibility, you can eliminate the need to pull cable through walls and ceilings and allow the network to go where wires cannot go. Exploring WWW and augmenting networks can never be done more easily.

The 802.11a/b/g Wireless LAN MiniPCI Card it enables a high performance, cost effective, low power, compact solution that easily fits onto on side of a miniPCI card

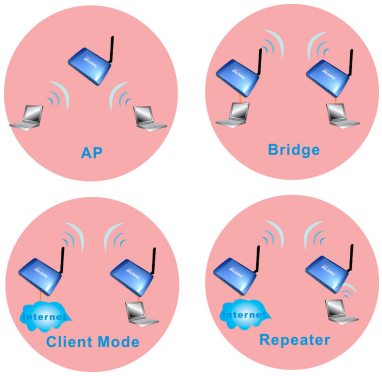
Specification

Standards	IEEE 802.11a/b/g
Frequency Band	2412 ~ 2483 MHz 5.15GHz~5.724GHz, 5.725GHz~5.825GHz
Operating Voltage	3.3V and 5V
Modulation	11a/g:Orthogonal Frequency Division Multiplexing (OFDM) 54Mbps/48Mbps:QAM-64 36Mbps/24Mbps:QAM-16 18Mbps/12Mbps:QPSK 9Mbps/6Mbps:BPSK 11b:Direct Sequence Spread Spectrum (DSSS) 11Mbps/5.5Mbps:CCK 2Mbps:DQPSK 1Mbps:DBPSK
Channels	USA,Canada(FCC):23channels(2.412GHz~2.462GHz, 5.15GHz~5.25GHz, 5.25GHz~5.35GHz, 5.725GHz~5.825GHz) Europe(CE):32channels(2.412GHz~2.472GHz, 5.15GHz~5.25GHz, 5.25GHz~5.35GHz, 5.47~5.724GHz)
Output Interface	Mini PCI
Support Data Rate	802.11b(11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) 802.11a/g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
Output Power	11a OFDM: 17dBm ± 1dBm(54Mbps) 11a OFDM: 20dBm ± 1dBm(6Mbps) 11g OFDM: 20dBm ± 1dBm(54Mbps) 11g OFDM: 23dBm ± 1dBm(6Mbps) 11b CCK: 23dBm ± 2dBm(1~11Mbps)
Physical Specification	Weight: 13g Dimension: 59.6 (L) x 50.95(W) mm PCB (thickness): 1.0 +/- 0.1 mm Height (thickness): 3.4 mm (included RF metal shield case)
Certifications	FCC, CE

Features

- Complies with IEEE 802.11a/b/g standard for 2.4GHz and 5GHz Wireless LAN.
- Single chip solution for dual-mode.
- Works with all existing network infrastructure.
- Complies with specific wireless products and services.
- Freedom to roam while staying connected.
- Wi-Fi and WHQL compliant
- 54 Mbps provided in 802.11 a/g mode of operation
- Lower power consumption.
- Easy to install and configure.

Applications



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Factory: No.77, Youyi Rd., Jhunan Township, Miaoli County 350, Taiwan, (R.O.C.) **Tel:** 886-37-580-777 **Fax:** 886-37-580-799
Taipei Office: 3F., No.188, sec. 2, Jhongsing Rd., Sindian City, Taipei County 231, Taiwan, R.O.C. **Tel:** 886-2-8665-0457 **Fax:** 886-2-8665-0877

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